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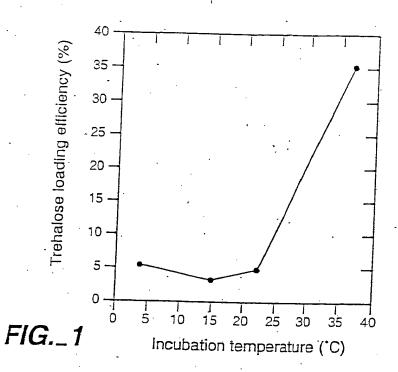
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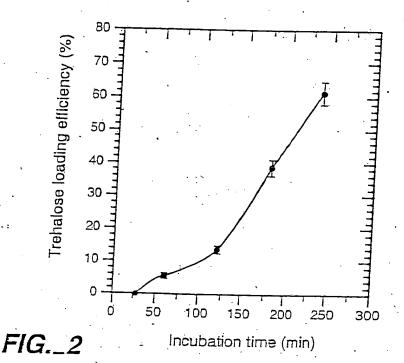
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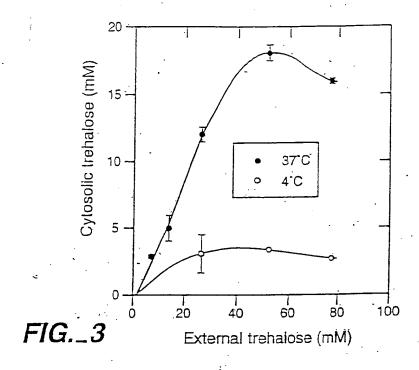
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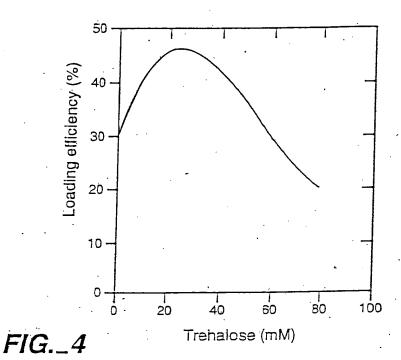




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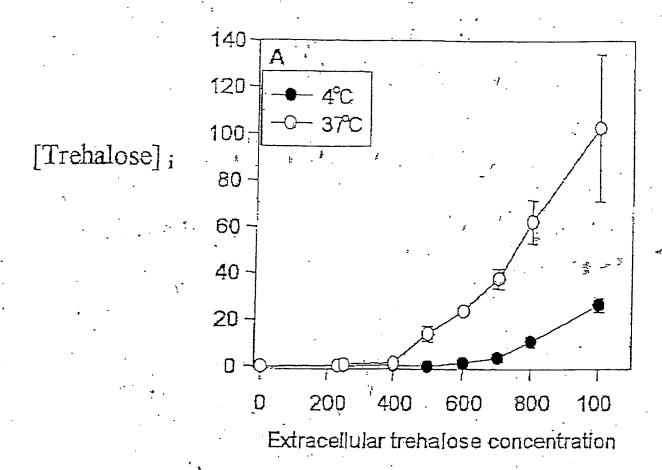
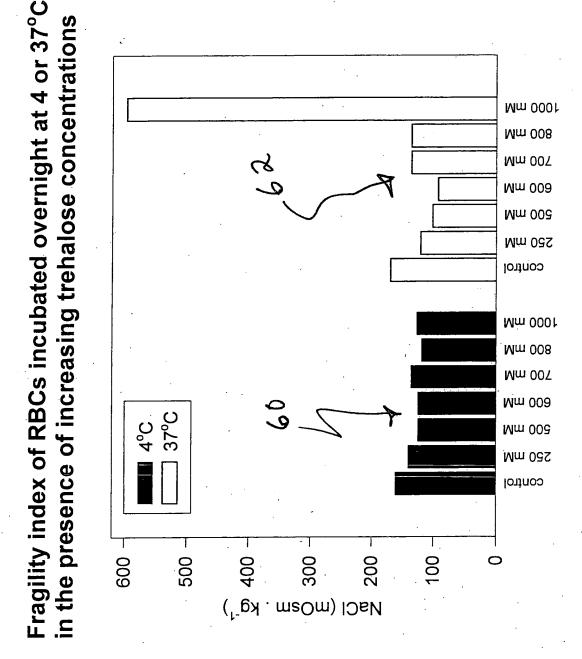


Fig. 5

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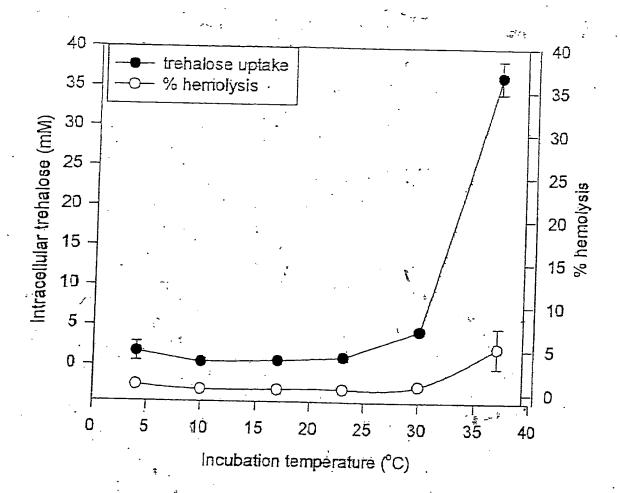
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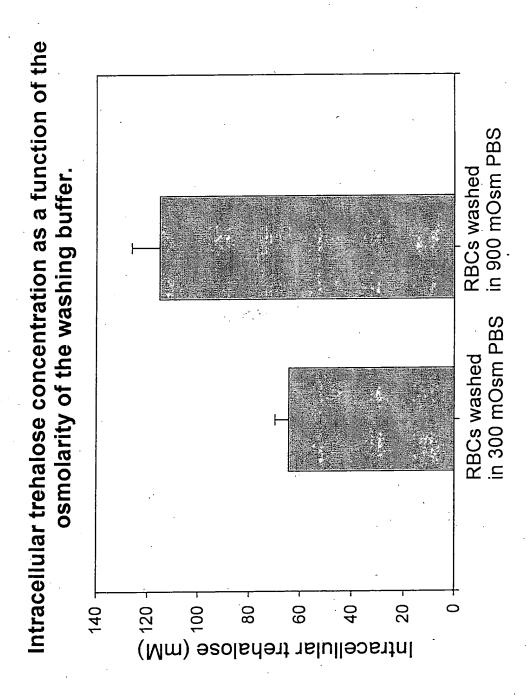
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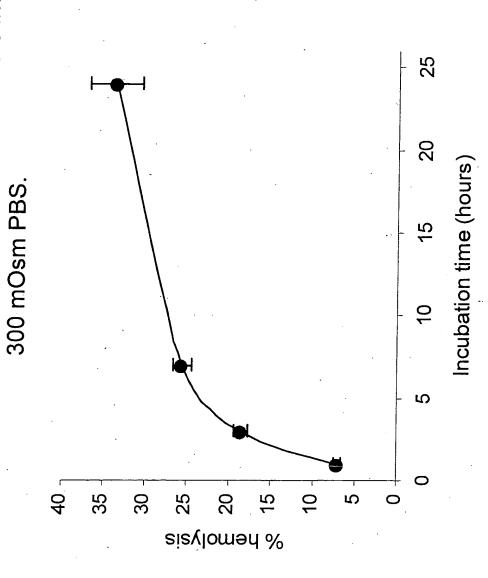
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trehalose/100 mOsm PBS at 35°C for 16 hours and were incubated in Percent hemolysis of trehalose loaded RBCs as a function of time of incubation in 300 mOsm PBS. RBCs were loaded in 700 mM



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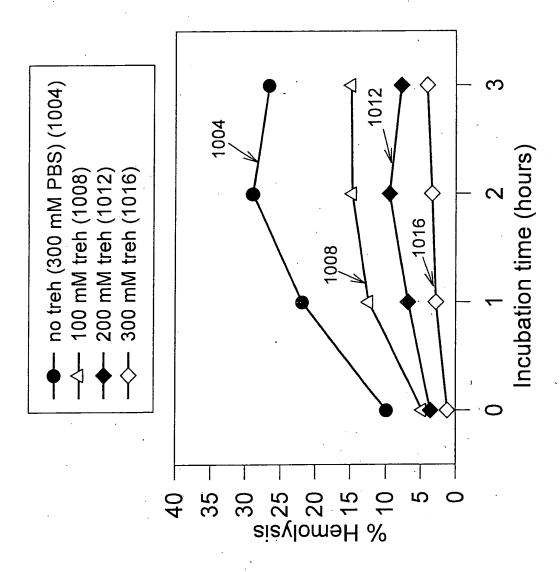
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Percent hemolysis of trehalose loaded RBCs as a function of the composition of the incubation

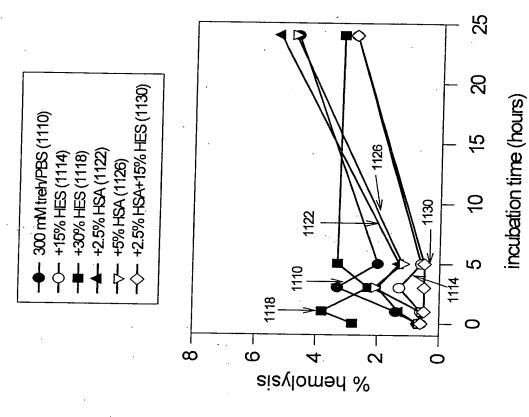
buffer. RBCs were loaded in 700 mM trehalose/100 mOsm PBS at 35°C for 16 hours



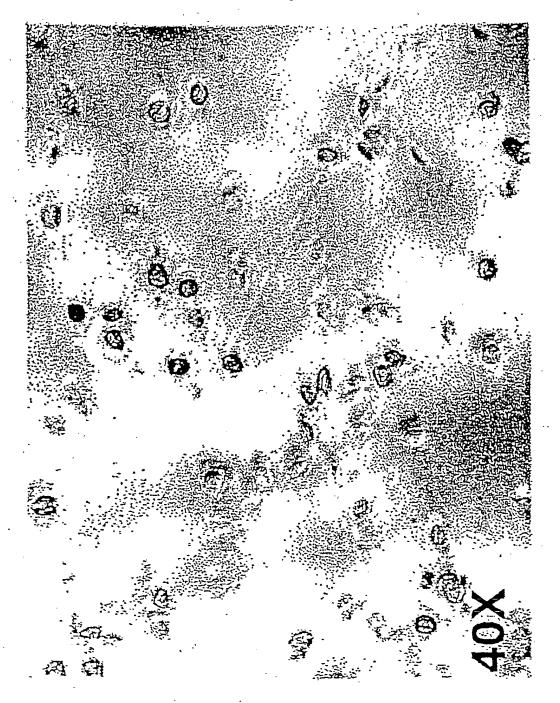
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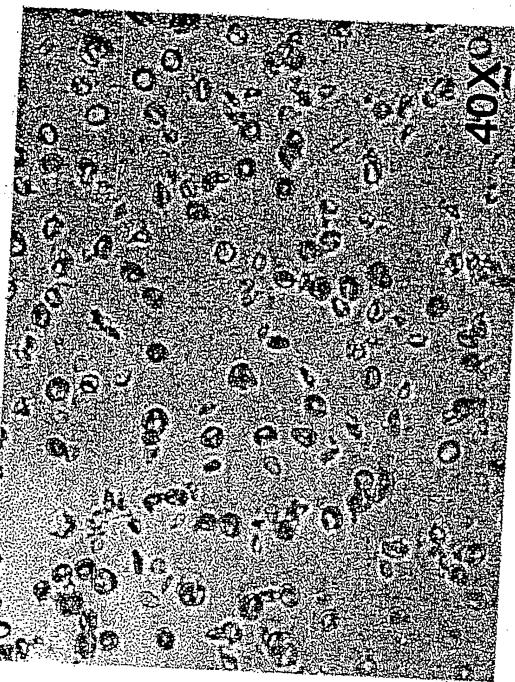


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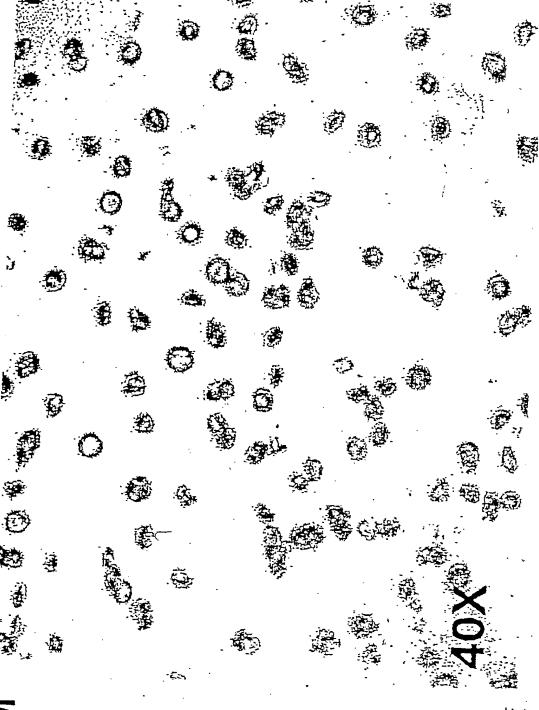
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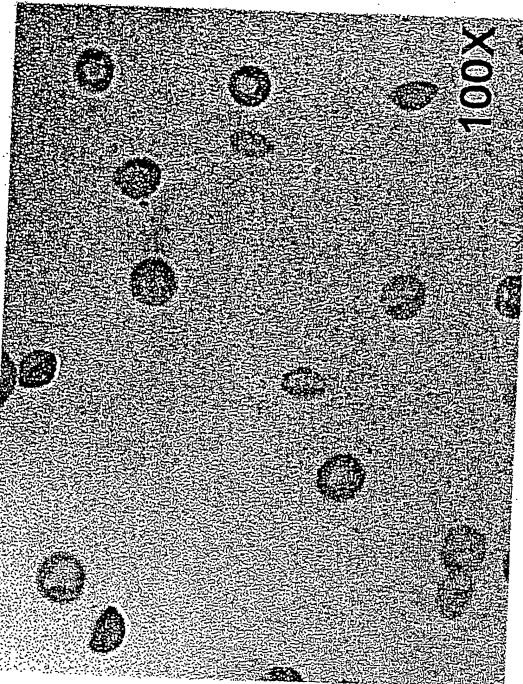


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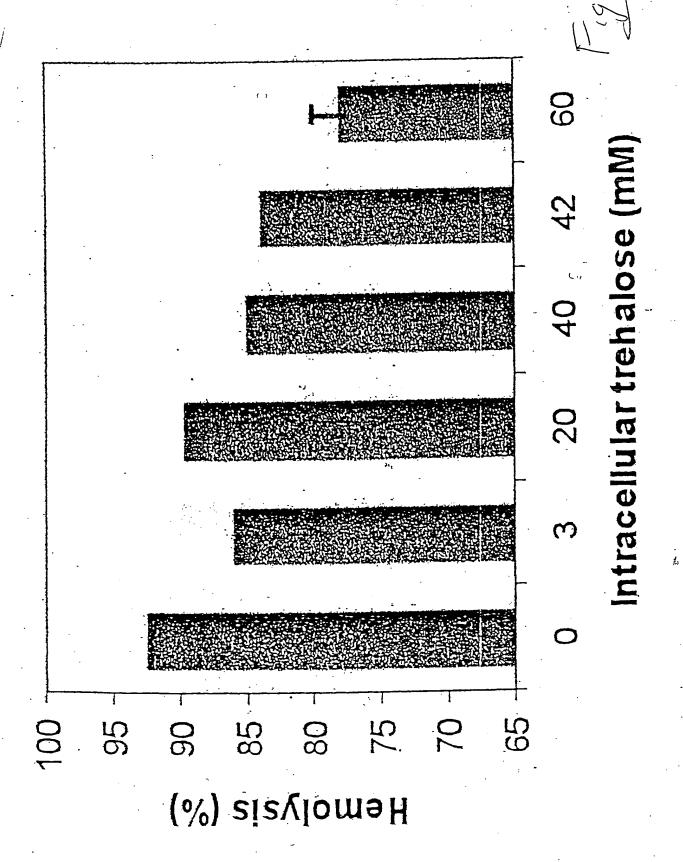
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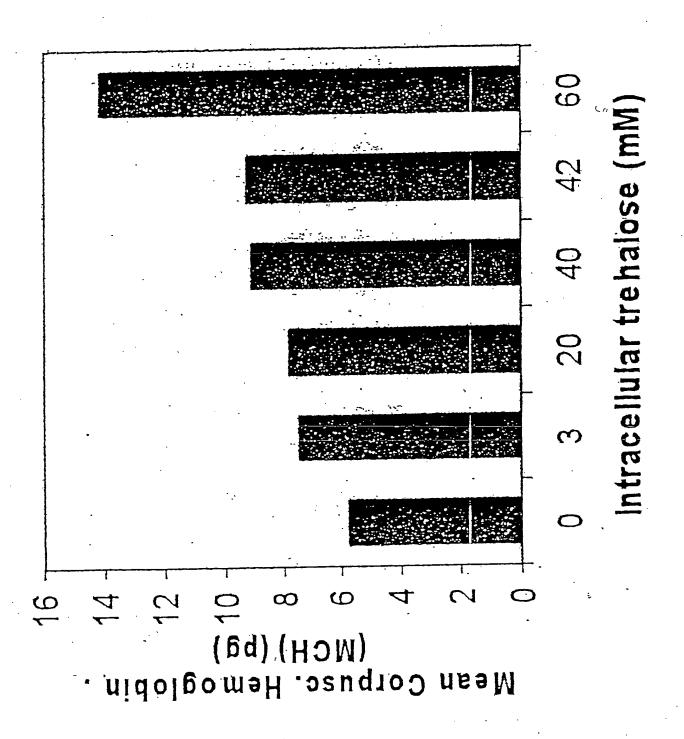
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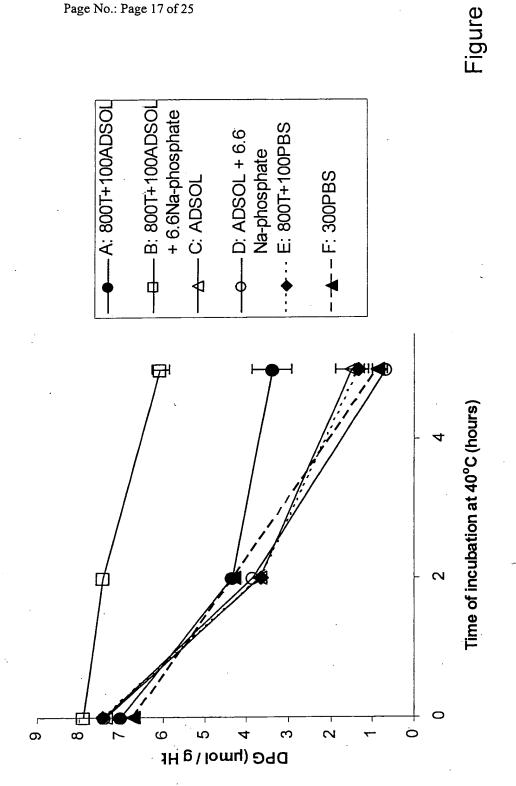


ATP (µmol/g Hb) in erythrocytes incubated in 800 mM trehalose and different buffers Page No.: Page 16 of 25 A: 800T+100ADSOL + 6.6Na-phosphate B: 800T+100ADSO E: 800T+100PBS Figure 1 D: ADSOL + 6.6 Na-phosphate F: 300PBS C: ADSOL (see legend) as a function of time of incubation at 40°C S Time of incubation at 40°C (hours) က တ S 0 (dH g \ lomy) 9TA

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2,3-DPG level in erythrocytes incubated in different buffers as a function of time of incubation at 40°C



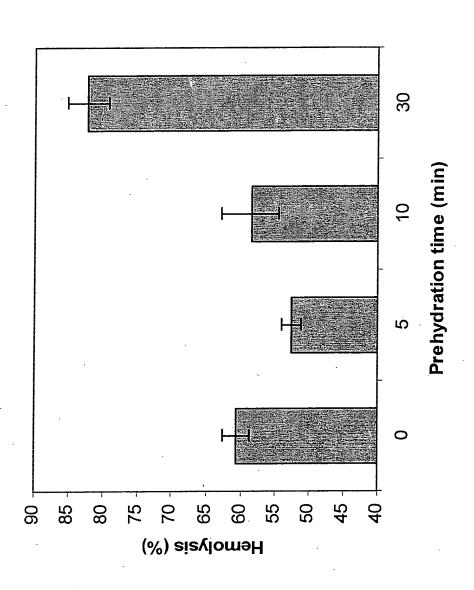
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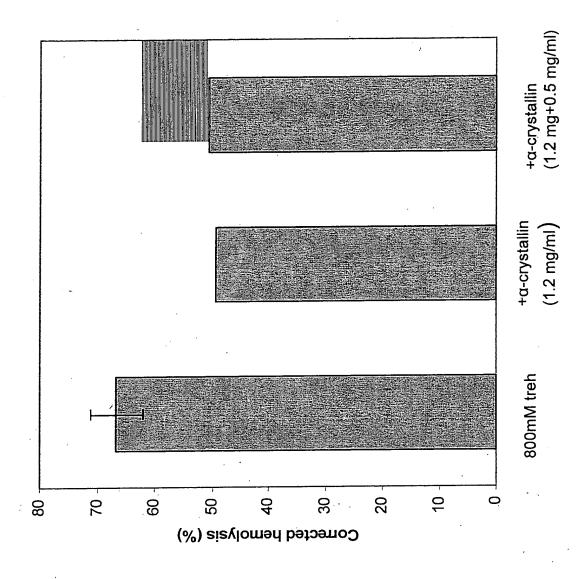
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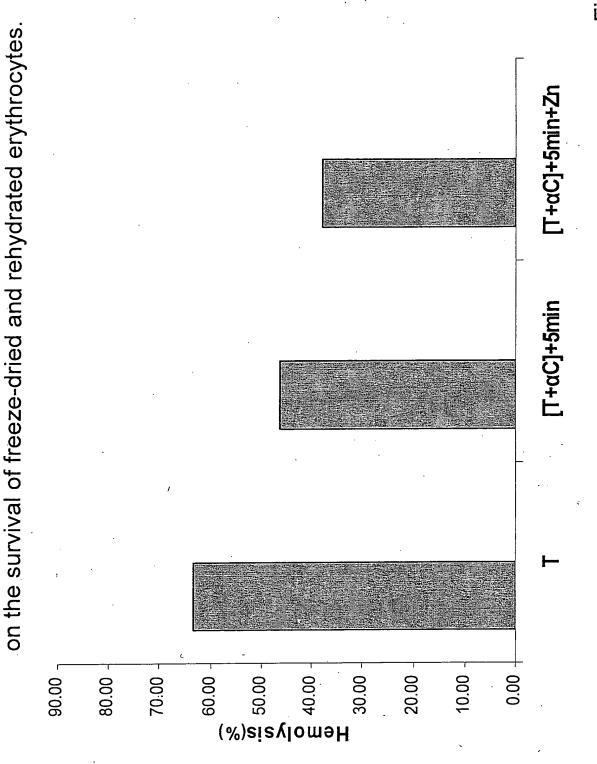


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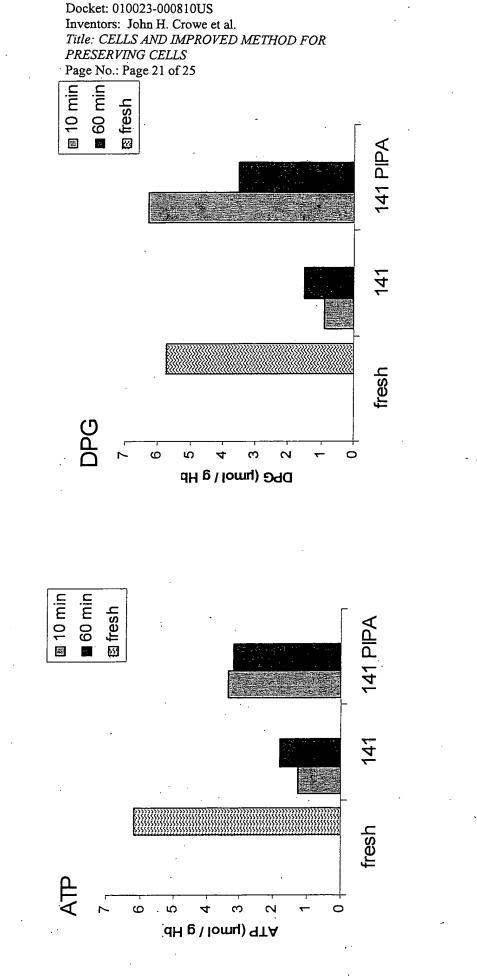
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Effect of pre-hydration (5 min), α-crystallin (1.2 mg/ml) and Zn²⁺ (500 μl)



Effect of rejuvenating buffer on the synthesis of ATP and 2,3-DPG in rehydrated erythrocytes.

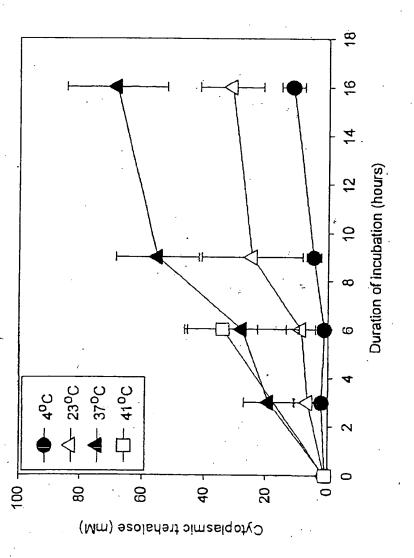


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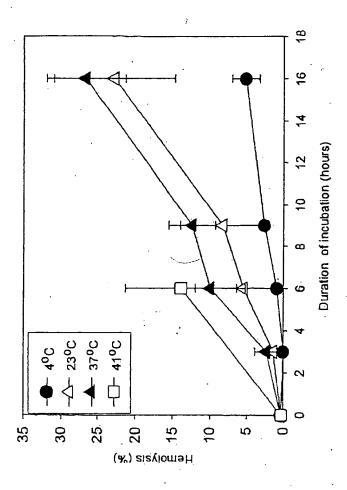


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Figure Percent hemolysis of RBCs during incubation in 800 mM trehalose/100 mOsm ADSOL/6.6 mM Na-phopshate at 4°, 23°, 37°, and 41°C.

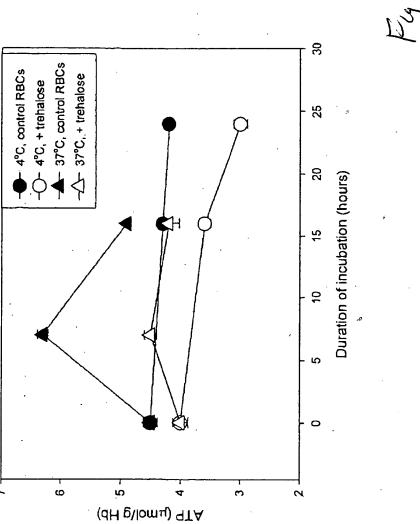


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Figure ATP level of RBCs during incubation in 800 mM trehalose/100 mOsm ADSOL/6.6 mM Naphopshate at 4° and 37°C.

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